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- (71) Applicant (for all designated States except US): **CLEVELAND STATE UNIVERSITY** [US/US]; 2121 Euclid Avenue, Cleveland, OH 44115 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **KALAFATIS, Michael** [US/US]; 2859 Sedgewick Road, Shaker Heights, OH 44120 (US).
- (74) Agent: **BANDY, Mark, E.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, Suite 700, Cleveland, OH 44114 (US).
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(54) Title: EXOSITE-DIRECTED THROMBIN INHIBITORS

680	KMHDRLEPEDEESDADYDYQNRLAAALGIR	709	SEQ ID NO. 1
HC1	KMHDRLEPED		SEQ ID NO. 2
HC2	LEPEDEESDA		SEQ ID NO. 3
HC3	EESDADYDYQ		SEQ ID NO. 4
HC4	DYDYQNRLAA		SEQ ID NO. 5
HC5	NRLAAALGIR		SEQ ID NO. 6

(57) Abstract: Disclosed are an amino acid sequence of the human blood clotting factor Va, peptides containing such sequence, and additional peptides of interest that significantly inhibit thrombin generation. Also disclosed are pharmaceutical compositions containing these peptides and related therapeutic methods for inhibiting thrombin generation and treating blood coagulation disorders.

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